

SEQUENCE LISTING

<110> National University of Singapore

<120> Pygopus in Diagnosis and Treatment of Cancer

<130> 50680-4

<150> US 60/463 309

<151> 2003-04-17

<150> US 60/496 012

<151> 2003-08-19

<160> 28

<170> PatentIn version 3.3

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Met Ala
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gcc tcg gcg ccg ccc cca ccg gac aag ctg gag gga ggt ggc ggc ccc 226
Ala Ser Ala Pro Pro Pro Pro Asp Lys Leu Glu Gly Gly Gly Gly Pro
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gca ccg ccc cct gcg ccg ccc agc acc ggg agg aag cag ggc aag gcc 274
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Gln Gly Pro Ala Tyr Ser His Leu Thr Glu Phe Ala Pro Pro Pro Thr
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70 75 80

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Asn Thr Gln Gly Pro Ala Tyr Ser His Leu Thr Glu Phe Ala Pro Pro
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Pro Thr Pro Met Val Asp His Leu Val Ala Ser Asn Pro Phe Glu Asp
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Asp Phe Gly Ala Pro Lys Val Gly Val Ala Ala Pro Pro Phe Leu Gly
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Ser Pro Val Pro Phe Gly Gly Phe Arg Val Gln Gly Gly Met Ala Gly
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Gln Val Pro Pro Gly Tyr Ser Thr Gly Gly Gly Gly Gly Pro Gln Pro
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Leu Arg Arg Gln Pro Pro Pro Phe Pro Pro Asn Pro Met Gly Pro Ala
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Phe Asn Met Pro Pro Gln Gly Pro Gly Tyr Pro Pro Pro Gly Asn Met
145          150          155          160

Asn Phe Pro Ser Gln Pro Phe Asn Gln Pro Leu Gly Gln Asn Phe Ser
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Pro Pro Ser Gly Gln Met Met Pro Gly Pro Val Gly Gly Phe Gly Pro
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Met Ile Ser Pro Thr Met Gly Gln Pro Pro Arg Ala Glu Leu Gly Pro
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Pro Ser Leu Ser Gln Arg Phe Ala Gln Pro Gly Ala Pro Phe Gly Pro
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Ser Pro Leu Gln Arg Pro Gly Gln Gly Leu Pro Ser Leu Pro Pro Asn
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Glu Asp Gly Gly Lys Pro Leu Asn Pro Pro Ala Ser Thr Ala Phe Pro
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Leu Thr Thr Glu Ala Ser Ala Val Trp Ala Cys Asp Leu Cys Leu Lys
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 Gly Ser Pro Asp Lys Lys Lys Arg Lys Ala Asn Thr Gln Gly Pro Ser
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ttc cct cca ttg tct gag tat gct cca cca ccg aat cca aac tct gac 192
 Phe Pro Pro Leu Ser Glu Tyr Ala Pro Pro Pro Asn Pro Asn Ser Asp
 50 55 60

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 His Leu Val Ala Ala Asn Pro Phe Asp Asp Asn Tyr Asn Thr Ile Ser
 65 70 75 80

tat aaa cca cta cct tcg tca aat cca tat ctt ggc cct ggt tat cct 288
 Tyr Lys Pro Leu Pro Ser Ser Asn Pro Tyr Leu Gly Pro Gly Tyr Pro
 85 90 95

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100 105 110	
aga atg tct tcc cca tac tgt ggt cct tac tca ctc agg aac cag cca Arg Met Ser Ser Pro Tyr Cys Gly Pro Tyr Ser Leu Arg Asn Gln Pro	384
115 120 125	
cac cca ttt cct cag aat cct ctg ggc atg ggt ttt aat cga cct cat His Pro Phe Pro Gln Asn Pro Leu Gly Met Gly Phe Asn Arg Pro His	432
130 135 140	
gct ttt aac ttt ggg cca cat gat aat tca agt ttc ggt aat cca tct Ala Phe Asn Phe Gly Pro His Asp Asn Ser Ser Phe Gly Asn Pro Ser	480
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165 170 175	
aga caa aat cct gct gaa aat ttc agt caa att cct cca cag aat gct Arg Gln Asn Pro Ala Glu Asn Phe Ser Gln Ile Pro Pro Gln Asn Ala	576
180 185 190	
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260 265 270	
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cgg atc tgt act gga atg act gaa aca gct tat ggc ctc tta act gca 1152
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 370 375 380

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 385 390 395 400

gtc cag tta atg cgt act aga gaa act ttt ggt cca tct gca gtg ggc 1248
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 Phe Pro Pro Leu Ser Glu Tyr Ala Pro Pro Pro Asn Pro Asn Ser Asp
 50 55 60
 His Leu Val Ala Ala Asn Pro Phe Asp Asp Asn Tyr Asn Thr Ile Ser
 65 70 75 80
 Tyr Lys Pro Leu Pro Ser Ser Asn Pro Tyr Leu Gly Pro Gly Tyr Pro
 85 90 95
 Gly Phe Gly Gly Tyr Ser Thr Phe Arg Met Pro Pro His Val Pro Pro
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 Arg Met Ser Ser Pro Tyr Cys Gly Pro Tyr Ser Leu Arg Asn Gln Pro
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 His Pro Phe Pro Gln Asn Pro Leu Gly Met Gly Phe Asn Arg Pro His
 130 135 140

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 Tyr Asn Asn Ala Leu Ser Gln Asn Val Asn Met Pro Asn Gln His Phe
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 Arg Gln Asn Pro Ala Glu Asn Phe Ser Gln Ile Pro Pro Gln Asn Ala
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 Ser Gln Val Ser Asn Pro Asp Leu Ala Ser Asn Phe Val Pro Gly Asn
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 Pro Pro Asn Thr Phe Gly Gln Ala Lys Ala Pro Pro Pro Lys Gln Asp
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 260 265 270
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 Ser Ser Ser Thr Glu Ala Thr Asn Asn Asn Pro Ala Asn Gly Thr Gln
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 Asn Lys Pro Arg Gln Pro Arg Gly Ala Ala Asp Ala Cys Thr Thr Glu
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 Lys Ser Asn Lys Ser Ser Leu His Pro Asn Arg His Gly His Ser Ser
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 Ser Asp Pro Val Tyr Pro Cys Gly Ile Cys Thr Asn Glu Val Asn Asp
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 Asp Gln Asp Ala Ile Leu Cys Glu Ala Ser Cys Gln Lys Trp Phe His
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 Arg Ile Cys Thr Gly Met Thr Glu Thr Ala Tyr Gly Leu Leu Thr Ala
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